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SOURCE Nepszava.

USSR GIVES HUNGARIAN METALLURGY MATERIAL, TECHNOLOGICAL AID

SOVIET SPECIALISTS VISIT PLANTS -- Budapest, Nepszava, 20 Mar 51

The commercial treaties negotiated with the Soviet Union assure Hungary of sufficient quantities of iron ore, ferroalloys, and coke. Because of the help of the Soviet Union, Hungary is no longer dependent on the capitalist countries for raw materials used in metallurgy.

Professor Bardin, a Soviet Academician, one of a group of Soviet technicians aiding Hungarian plants, visited Ozd and Diosgyor and pointed out that, to raise the steel output, scrap iron must be properly pretreated. Through pretreatment, it is possible to reduce the time required per charge in the open-hearth blast furnaces. The advice given by Bardin and Zhuravlev made it possible to introduce the quick-smelting methods.

The plans of the Danube Ironworks (Dunai Vasmu) are being worked out on the basis of Soviet experience. The plant is the largest project of the Five-Year Plan in the field of metallurgy. The Soviet visitors have shown that at the Ozd and Diosgyor plants, the maximum capacity can be doubled.

Rakcheyev, another Soviet technician, devotes himself to problems relating to the composition and qualities of charges for large blast furnaces and advises Hungarian technicians and workers.

Budilkin helped in establishing the capacity of the open-hearth steel works and his calculations made it possible to increase productivity by 25-30 percent. Thanks to his efforts, it was possible to introduce the Voroshin movement and to reduce the time required for building an open-hearth furnace by four fifths.

Many technical processes and innovations have been adopted. For instance, on the basis of Kucherin's book, "How I Melt Steel," the innovators at Ozd have worked out a method for rebuilding the 35-ton furnaces into 70-ton furnaces. In general, Soviet technical literature has proved very helpful to Hungarian technicians. -- Endre Engi, chief, Metallurgy Department, Ministry of Metallurgy and Machine Industry

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SET UP SKILL REQUIREMENTS FOR METALWORKERS -- Budapest, Nepszava, 15 Mar 51

Technical skill requirements will be introduced into the six most important branches of the metallurgy and machine industry by 31 July 1951. These requirements will represent the minimum amount of knowledge and skill which a worker must have to qualify for a specific job. Worker committees made up of the best workers and Stakhanovites have already been formed and these committees will study the various factors involved in a job.

The proposals of these committees will be re-examined by a central committee in each ministry concerned. The central committee will then draw up the minimum standard for each trade. Workers will be aided greatly in qualifying for higher positions in their trades by the retraining and advanced training to be started during the second year of the Five-Year Plan. According to plans, more than 10,000 helpers will become skilled workers. The Stakhanovite school system will be developed further.

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